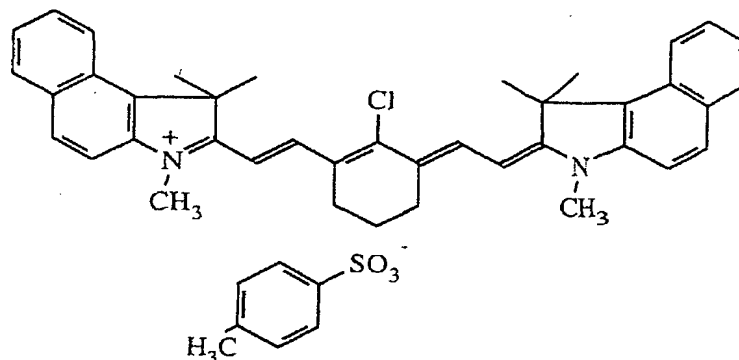
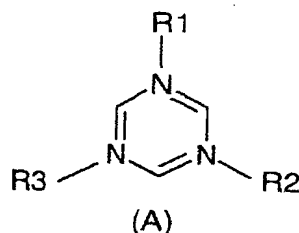


### CLAIMS

1. Heat-sensitive composition which forms an image without the removal of material, which does not require any developing treatment after the stage of exposure to heat and comprises:
  - a) a switchable polymer, and
  - b) an IR absorber,characterised in that it also comprises:
  - c) a triazine compound, and
  - d) a novolak resin.
2. Composition according to claim 1, characterised in that the said switchable polymer has attached hydrophilic groups and becomes lipophilic through the effect of IR radiation.
3. Composition according to claim 2, characterised in that the said attached hydrophilic groups are carboxyl groups.
4. Composition according to claim 1, characterised in that the said switchable polymer is obtained by the acid hydrolysis of a copolymer of methyl vinyl ether and maleic anhydride.
5. Composition according to claim 1, characterised in that the quantity of the said switchable polymer is from 50% to 75% by weight.
6. Composition according to claim 5, characterised in that the quantity of the said switchable polymer is from 55% to 70% by weight.
7. Composition according to any one of claims 1 to 6, characterised in that the IR absorber is a cyanine dye.
8. Composition according to any one of claims 1 to 7, characterised in that the IR absorber has the following formula



9. Composition according to any one of claims 1 to 8, characterised in that the quantity of the said IR absorber is from 1% to 12% by weight.
10. Composition according to any one of claims 1 to 8, characterised in that the quantity of the said IR absorber is from 5% to 10% by weight.
11. Composition according to any one of claims 1 to 10, characterised in that the triazine compound has the structural formula:



where at least one of the substituents R1, R2 and R3 is NR'R'' and the others are H or NR'R'' and at least one of the substituents R' and R'' is -CH<sub>2</sub>-O-Alk<sub>1-4</sub>C and the others R' and R'', which are the same or different from each other, are H or -CH<sub>2</sub>-O-Alk<sub>1-4</sub>C.

12. Composition according to claim 11, characterised in that two of the substituents R1, R2 and R3 are NR'R''.
13. Composition according to claim 11, characterised in that all three substituents R1, R2 and R3 are NR'R''.

14. Composition according to claim 13, characterised in that the three R' substituents are H, two of the R'' substituents are  $-\text{CH}_2\text{-O-CH}_3$  and the third R'' substituent is  $-\text{CH}_2\text{-O-C}_4\text{H}_9$ .
15. Composition according to claim 13, characterised in that the three R' substituents are  $-\text{CH}_2\text{-O-CH}_3$  and the three R'' substituents are  $-\text{CH}_2\text{-O-CH}_3$ .
16. Composition according to claim 13, characterised in that the three R' substituents are  $-\text{CH}_2\text{-O-CH}_3$  and the three R'' substituents are  $-\text{CH}_2\text{-O-C}_4\text{H}_9$ .
17. Composition according to claim 12, characterised in that the two R' substituents are  $-\text{CH}_2\text{-O-CH}_3$  and the two R'' substituents are  $-\text{CH}_2\text{-O-C}_4\text{H}_9$ .
18. Composition according to any one of claims 1 to 17, characterised in that the quantity of the said triazine compound is from 10 to 30% by weight.
19. Composition according to any one of claims 1 to 17, characterised in that the quantity of the said triazine compound is from 15 to 25% by weight.
20. Composition according to any one of claims 1 to 19, characterised in that the said novolak resin has a weight average molecular weight of between 2,000 and 14,000.
21. Composition according to any one of claims 1 to 20, characterised in that the said composition comprises at least two novolak resins, a first having a weight average molecular weight of between 3,000 and 5,000 and a second having a weight average molecular weight of between 6,000 and 11,000.
22. Composition according to any one of claims 1 to 21, characterised in that the total quantity of novolak resin is from 1 to 20% by weight.

23. Composition according to any one of claims 1 to 21, characterised in that the total quantity of novolak resin is from 5 to 20% by weight.
24. Negative lithographic plate comprising a substrate coated with a composition according to any one of the foregoing claims from 1 to 23.
25. Method for obtaining a negative image on a substrate coated with a composition which is first hydrophilic and then lipophilic after exposure to heat, without the removal of material, the said method being characterised in that the said negative image is obtained by applying a small quantity of energy to the said composition.
26. Method according to claim 25, characterised in that the said composition is a composition according to any one of the foregoing claims from 1 to 23.